

Substitute Specification:

FLY PACK APPARATUS AND METHOD

BACKGROUND OF THE INVENTION

This invention relates to portable storage systems for fishing tackle. More specifically, the invention relates to a fly pack for the temporary storage and simple retrieval of fly fishing flies and streamers.

Fly fishing flies are categorized on the basis of whether they float or sink. Those flies that are designed to float on the water, or in its surface film, are called dry flies. Those that are designed to sink under the water surface are commonly and collectively referred to as wet flies. After use, dry flies require proper drying to maintain the proper hydrophobic properties which allow them to “float” on the water. When dry flies absorb moisture, they will not float. Wet flies must also be dried to properly preserve the tackle and avoid rusting of the hook.

Fly choice can be baffling to even the most experienced angler, as the feeding tendencies may vary among the fish species, and can further vary based upon the geographical region, the time of year and water conditions. As such, the fly fishing angler be ready with a plethora of flies to properly match the ~~fish=s~~ fishes feeding tendencies. Often the fly fishing must change flies, literally midstream, while also manipulating a rod and a host of other fishing tackle and accessories. Thus, quick and easy access to a variety of flies is important to the angler.

Heretofore, fly fishing anglers were limited to boxes for the transport and storage of flies. These devices required flies to be stored in the box, and as used, had to be

returned to the box wet or placed on a vest or hat to dry before being returned to the box. used, and upon retrieving the box, must poke through a disorganized mass of flies before finding the fly of choice. These devices are not easily accessible by the angler and are cumbersome for the angler to use; especially with hands that are wet or numb. This prior art is best exemplified by U.S. Pat. Nos. 6,301,826; 5,555,671; and 5,025,588.

Other devices have attempted to solve the inherent problems associated with box storage devices. Some devices disclosed a fishing lure storage system formed into closeable booklet form, while others disclosed arm or wrist-mounted lure storage devices comprising an arm or wrist band and a layer of pliant material for holding fish hooks. These devices too are not easily accessible by the angler, and again are cumbersome for the angler to use. The booklet forms, best exemplified by U.S. Patent Nos. 6,301,386; 5,806,236; and 4,467,551; are not mountable to the angler's body, employ cumbersome inner flaps or pockets, and require the angler to stow the booklet either in a pocket or separate pocket when not in use. The arm-mounted forms are best exemplified by U.S. Patent Nos. 5,454,185 and 2,978,830, practically render the hand upon the arm upon which the device is mounted useless, forcing the angler to forage single-handedly for a fly, while managing his rod and other equipment.

What is needed therefore is a mountable fly pack for the temporary storage and simple retrieval of fly fishing streamers.

SUMMARY OF THE INVENTION

An important object of this invention is to provide a mountable fly pack for the temporary storage and simple retrieval of fly fishing flies and streamers.

Another important object of the invention is to provide a fly pack that can store any type of fly or streamer without damaging the tackle.

Yet another important object of the invention is to provide fly pack fastenable in drum form.

Still another important object of the invention is to provide a fly pack that can be opened via end caps so an interior fly nap may be accessed through either and while maintaining the fly pack fastened in a drum form.

Another important object of the invention is to provide a fly pack that can be unfastened and opened entirely for access to the flies or streamers secured upon the fly nap.

Yet another important object of the invention is to provide a fly pack that allows for adequate ventilation within the pack for speedy drying of the stored flies or streamers.

Still another important object of the invention is to provide a fly pack fastened in drum form, in which one or more end caps may be opened to permit ambient air to circulate within the fly pack to speed the drying of the stored flies or streamers.

Another important object of the invention is to provide a fly pack with a variety of attachments for mounting the fly pack to an angler.

Accordingly, the fly pack constructed in accordance with the invention permits the temporary storage and simple retrieval of fly fishing flies. The fly pack comprises an

openable drum A including an interior drum surface and an exterior drum surface; a fastening B for operably securing the fly pack in drum form; a fly C carried by the interior drum surface for releaseably engaging the hook portion of flies to removably d secure to flies to the pack; a band D carried by the exterior drum surface including at least one band tip overlapping the exterior drum surface; at least one end cap E affixed to a band tip overlapping the exterior drum surface for operably enclosing a drum end when in drum form; and an attachment F carried by the exterior drum surface for securing the fly pack to a fisherman, whereby the fly pack can be open and accessed at either end or unfastened and opened entirely for access to the flies secured upon the fly nap.

BRIEF DESCRIPTION OF THE DRAWINGS

The construction designed to carry out the invention will hereinafter be described, together with features thereof.

The invention will be more readily understood from reading of the following specification and by reference to the accompanying drawings forming a part thereof, wherein an example of the invention is shown and wherein:

Figure 1A is a front perspective view illustrating a fastened and enclosed fly pack constructed in accordance with the invention;

Figure 1B is a front perspective view illustrating a fastened but unenclosed fly pack constructed in accordance with the invention;

Figure 2 is a top plan view illustrating an unfastened and unenclosed fly pack constructed in accordance with the invention;

Figure 2A is a longitudinal sectional view through line 2A of Figure 2 illustrating an unfastened and unenclosed fly pack constructed in accordance with the invention;

Figure 3 is a bottom plan view illustrating an unfastened and unenclosed fly pack constructed in accordance with the invention;

Figure 4A is a top plan view illustrating a fastened but unenclosed fly pack constructed in accordance with the invention;

Figure 4B is a top plan view illustrating a fastened and enclosed fly pack constructed in accordance with the invention;

Figure 5 is a top plan view illustrating an alternate embodiment of the invention including a belt loop attachment wherein the fly pack constructed in accordance with the invention is unfastened and unenclosed; and

Figure 5A is a longitudinal sectional view through line 5A of Figure 5 illustrating an alternate embodiment of the invention including a belt loop attachment wherein the fly pack constructed in accordance with the invention is unfastened and unenclosed.

DETAILED DESCRIPTION

The drawings illustrate a fly pack for the temporary storage and simple retrieval of fly fishing flies comprising an openable drum A including an interior drum surface and an exterior drum surface; a fastening B for operably securing the fly pack in drum form; an fly nap C carried by the interior drum surface for releaseably engaging the hook portion of flies to removably secure the flies to the fly pack; a band D carried by the exterior drum surface including at least one band tip overlapping the exterior drum surface including at least one band tip overlapping the exterior drum surface; at least one end cap E affixed to a band tip overlapping the exterior drum surface for operably enclosing a drum end when in drum form; and an attachment F carried by the exterior drum surface for securing the fly pack to a fisherman, whereby the fly pack can be opened and accessed at either end or unfastened and opened entirely for access to the flies secured upon the fly nap.

Drum A is openable and includes an interior drum surface 10 and an exterior drum surface 12. A preferred material for the construction of drum A is weather resistant leather, although the drum may also be constructed of ballistic nylon.

Fastening B operably secures the fly pack in drum form. The fastening preferably comprises snap fasteners 14 for securement to corresponding snap fastener elements, although the fastening may also comprise Velcro® type hook and loop fastener elements or quick-snap fastener elements.

Fly nap C is carried by the interior drum surface 10 for releasably engaging the hook portion of flies 16 to removably secure the flies to the fly pack. In a preferred embodiment the fly nap comprises wool fleece and is stitched 17 to the interior drum

surface, although the fly nap may alternatively be bonded to the interior drum surface. The fly nap may further alternately comprise a synthetic fleece or closed cell foam, either of which may be stitched or bonded to the interior drum surface.

The band D is carried by the exterior drum surface 12 and includes at least one band tip 18 that overlaps the exterior drum surface. In a preferred embodiment the band is stitched to the exterior drum surface, although the band may alternatively be bonded to the exterior drum surface. The band preferably flexibly hinges about the band tips 18.

End caps E are preferably affixed to a band tip 18 overlapping the exterior drum surface 12 for operably enclosing a drum end when in drum form. In a preferred embodiment there are two end caps E affixed to two overlapping band tips 18. The flexible band tips provide the hinging action to allow the end caps to operate similar to doors for enclosing the ends of the fly pack when in drum form. In a preferred embodiment the end caps are stitched to the band tip, although they may also be bonded or riveted to the band tip.

The interior drum surface 10 preferably further comprises a pair of oppositely disposed raised billets 20 for operably securing the end caps E enclosing the drum end when the fly pack is in drum form. The raised billet receives the circumferential edges of the end cap E and operably secures the end cap in a closed position enclosing a drum end. The end caps E preferably further comprise a pull knob 22 and rivet 22A to assist an angler in opening or enclosing a drum end with the end cap when the fly pack is in drum form.

Attachment F is carried by the exterior drum surface 12 for optionally securing the fly pack to an angler. In a preferred embodiment the attachment F comprises a clasp

24 for attaching the fly pack to an angler. Alternatively, the attachment F may comprise a belt loop 26 capable of receiving the belt of an angler for attaching the fly pack to the angler's belt. Attachment F may further comprise Velcro® type hook and loop fastener elements, quick-snap fastener elements, or slip ring elements to secure the fly pack to an angler. In the absence of attachment F, the angler may place the fly pack in a vest, shirt or pant pocket or in a variety of tackle boxes or equipment packs.

The fly pack constructed in accordance with the invention permits the temporary storage and simple retrieval of fly fishing flies or streamers. The fly pack can store any type of fly or streamer without damaging the hackle. Preferably, the fly pack will be maintained in drum form for the secure storage of the flies or streamers. When access to the flies or streamers is desired, the angler has two options: first, the fly pack can be opened via the end caps and the interior fly nap may be accessed through either end while maintaining the fly pack in drum form; second, the fly pack can be unfastened and opened entirely for access to the flies or streamers secured upon the fly nap.

Furthermore, the fly pack constructed in accordance with the invention allows for adequate ventilation within the fly pack for speedy drying of the stored flies or streamers. With the fly pack fastened in drum form, one or more end caps may be opened to permit ambient air to circulate within the fly pack to speed the drying of the stored flies or streamers.

The fly pack constructed in accordance with the invention is preferably sized for placing on the pocket of a fishing vest, or in conjunction with a variety of attachments, clasped to a vest or creel, or attached to a belt. It is further contemplated that fly packs constructed in accordance with the invention may be of any size.

While a preferred embodiment of the invention has been described using specific terms, such description is for illustrative purposes only, and it is to be understood that changes and variations may be made to the fly pack constructed in accordance with the invention that can be opened at either end or unfastened and opened entirely for access to the flies or streamers secured upon the fly nap, its parts, and methods of manufacture, without departing from the spirit or scope of the following claims.